UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MEMORANDUM

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DATE: 03-AUG-2000

SUBJECT: ID# 00ND0025. Section 18 Exemption for the Use of Glyphosate for Control of Canada Thistle and Sowthistle in Flax in North Dakota. Barcode D267392. Chemical# 417300. Case# 293232. Submission# S582024.

FROM: William H. Donovan, Ph.D., Chemist
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THRU: G. Jeffrey Herndon, Acting Branch Senior Scientist
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TO: Robert Forrest/Libby Pemberton, PM Team 05
Registration Division (RD) (7505C)

The North Dakota Department of Agriculture has requested a specific exemption under Section 18 of FIFRA for the preharvest use of the herbicide Roundup Ultra (glyphosate, N-(phosphonomethyl)glycine) for the control of Canada thistle and sowthistle in flax. This is the first year that the glyphosate use has been requested. The proposed program will entail application of a maximum of 12,500 gallons of Roundup Ultra [37,500 lbs ae] on 50,000 acres throughout the state starting August 15, 2000 to October 1, 2000.

In support of this request, the petitioner submitted crop field trial data depicting glyphosate residue levels in flax seed and processed commodities resulting from preharvest glyphosate use from seven locations in North and South Dakota from 1997-1999. These studies showed maximum glyphosate levels of 3.5, 7.1, and < 0.05 ppm in flax seed, meal, and oil, respectively. Accordingly, the appropriate tolerance levels needed to support this Section 18 request are 4.0 and 8.0 ppm in flax seed and meal, respectively.

In addition to the crop field trial data submitted in support of the current Section 18 request, the petitioner indicated that additional flax field trials are currently in progress. The results of these trials will be submitted in support of a future Section 3 registration request. Once these data are available, the flax tolerances will be updated as appropriate.

CONCLUSIONS

HED has no objection to the establishment of time-limited tolerances of 4.0 and 8.0 ppm, for "flax, seed" and "flax, meal", respectively. These glyphosate residue levels are included in a separate HED risk assessment document (D267588, W. Donovan, W. Dykstra, and M. Christian, currently in preparation) covering the following petitions: 8F04973, 9F05096, 9F06007, and 9E06003. HED concludes that there is a reasonable certainty that no harm will result to infants, children, and adults from glyphosate residues as a result of the proposed flax use and existing uses.

cc: W. H. Donovan, H. Jamerson (RD)
RDI: RAB1 Chemists (03-AUG-2000)
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Chemical:	**Glyphosate (ANSI)**
PC Code:	**417300**
HED File Code	**14000 Risk Reviews**
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HED Records Reference Center
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